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ESG-2009-V3

ENGINEERING AND SPECIFICATIONS GUIDE

DUCT-FREE AIR CONDITIONING SYSTEMS • ART COOL • INVERTER • FLEX MULTI-SPLIT • FLOOR STANDING • CEILING CASSETTE • PTAC • PTHP • THROUGH-THE-WALL

INNOVATIVE COMFORT SOLUTIONS

MINI-SPLIT ART COOL, SINGLE ZONE AND INVERTER, SINGLE ZONE

9,800 and 11,500 BTUs
Cooling and Heat Pump

9,000-24,000 BTUs
Heat Pump Inverter

MINI-SPLIT STANDARD, SINGLE ZONE

9,000-24,000 BTUs
Cooling and Heat Pump

30,000 BTUs
Heat Pump Inverter

FLEX MULTI-SPLIT, DUAL-, TRI- & QUAD-ZONE

Dual-Zone : Mix and match for 18,000-24,000 BTUs
Tri-Zone : Mix and match for 27,000-33,000 BTUs
Quad-Zone : Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter

Disclaimer: Items represented in this catalog may change without notice. LG is not responsible for information contained in this catalog that may have changed. Please contact your LG Sales Representative for updated information.

See pages 13, 20, 29 and 33 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

FLOOR STANDING AND CEILING CASSETTE, SINGLE ZONE

24,000 BTUs
Heat Pump Inverter

42,000 BTUs
Heat Pump Inverter

24,000 and 42,000 BTUs
Heat Pump Inverter

THROUGH-THE-WALL

8,000-14,000 BTUs
Cooling

10,000-12,000 BTUs
Heat/Cool

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs
Heat/Cool

7,000-15,000 BTUs
Heat Pump

WINDOW AIR CONDITIONER

7,000-24,000 BTUs
Heat/Cool

ART COOL DISPLAY RACK

Mirror Type
Display Model
(model#:
ASMC122ERH0)

Picture Type
Display Model
(model#: ASMC123F2G0)

Display (SS)
(model#: D-Rack)

WIRELESS WALL THERMOSTAT

Wireless Wall
Thermostat for
Duct-Free Systems
and PTACs

See pages 13, 20, 29 and 33 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

THE LG HVAC ADVANTAGE

Take advantage of our smart solutions for residential & commercial air conditioning applications.

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. They provide a smart alternative to both central HVAC and window-mounted air conditioners, and are available in a variety of configurations to suit different cooling and heating situations.

Split Systems

These innovative systems are "split" into indoor and outdoor units. The interior units are available in several different configurations: Art Cool, standard wall-mounted, Floor Standing and ceiling cassettes. All interior units have remote controls for easy use. Installation by a qualified HVAC contractor is safe and easy – no duct work or sheet metal is needed. Single, dual and tri-zone systems, as well as cooling only and heat pump models, are available.

Through-The-Wall Models

LG's Through-The-Wall models offer versatile, energy efficient solutions for residential and light commercial applications. Both cooling and heat/cool models are available in a variety of capacities, with most models ENERGY STAR® qualified. The standard size chassis fits into any competitive sleeve, making upgrades a breeze.

PTAC Models

LG's new PTAC units are perfect for lodging and healthcare applications. These units have an extremely low decibel level and outstanding sound prevention rating. Plus, LG models have efficiency ratings up to 12.5 EER, which translates into excellent energy savings.

Feature Advantages:

Look for these key features throughout the LG line.

- **Attractive, customizable indoor units.** Art Cool provides numerous options to complement any décor. The Art Cool Customizable Art Panel works like a picture frame – any art or photograph can be displayed. Other Art Cool units come in a variety of beautiful colors and finishes to suit any room.
- **Multi Power System.™** Energy-saving twin compressors: one provides power at 60% capacity until the system reaches a desired temperature. Then the smaller compressor takes over to provide sustained operation at 40% capacity.
- **Inverter.** Inverter heat pump air conditioners use a variable speed compressor, rather than the constant speed found in conventional ACs. Instead of shutting off once the desired temperature is reached, the inverter compressor continues to operate at low speed to maintain that temperature. It is quieter to operate and uses less energy than conventional ACs, which cycle on and off.
- **R-410A Refrigerant.** Environmentally friendly refrigerant utilized in the majority of LG systems.

  NOTE: R-410A service port access will require a special adapter to attach standard 1/4" hoses. Ask your equipment supplier for more details.
- **Patented Plasma Air Purifying System.** The 4-stage system features a large, permanent filter and an electronic air purifier that captures microscopic contaminants like dust, mite, pollen and pet fur.
- **Art Cool Self-Cleaning Indoor Coil.** Drives dirt and moisture from coil surface leaving it clean and fresh smelling.
- **Dehumidifying Mode.** Indoor unit accurately senses room temperature and controls humidity by shutting down the compressor before a room is over-cooled.
- **Chaos Swing.** Electronically controlled louvers and fan speeds create a more natural, random flow of air, reducing temperature stratification.
- **Art Cool Three-way Cooling.** Air flows out of the unit from three directions, creating more natural circulation.
- **Jet Cool.** Operates at high speed for up to 30 minutes to quickly cool a room down to 64° F.
- **Swirl Wind.** Four-way controlled louvers and fan speeds create a stronger, wider air flow and reduce temperature stratification.
- **Auto Operation.** Provides three levels of comfort from which to choose. Temperature and fan speed will set automatically.
- **Manual Power Switch.** Easily accessed button allows for continued operation if the remote control is misplaced.
- **Defrost Control.** Shuts down the indoor fan to prevent cold air from being blown into the house. Removes frost from outdoor coil when the outdoor temperature is low (Heat Pump only).
- **Temperature Display.** Shows room temperature of interior unit.
- **Auto Sleep Mode.** Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.
- **Auto Restart.** Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.

NOTE: All features are not available on all models. See product pages for details.

ART COOL™

ART COOL MINI-SPLIT SINGLE ZONE

Customized good looks

The slim, contemporary styling of the Art Cool models will appeal to today's discerning customer. The 9,000 and 12,000 BTU picture models come with a frame that allows the customer to modify and personalize the unit with their own artwork or photography – the ultimate in custom design. Other Art Cool indoor units are available in popular finishes and colors to compliment any décor.

Art Cool Duct-Free Mini-Split Air Conditioning Systems from LG maximize the efficiency and economics of duct-free technology. Now you can bring more attractive, cost-effective solutions to your commercial and residential customers, providing single zone systems in both air conditioning and heat pump models.

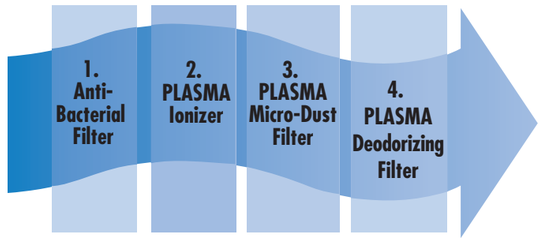
*Art Cool Picture 9,000-12,000 BTUs units only

Available styles and finishes

Mini-Split
Art Cool Indoor Unit
Customizable Picture Art Panel

Mini-Split
Art Cool Inverter Indoor Unit
Mirror Finish

Standard Mirror | Organic Cream White | Art Flower Gold | Snow Flower White



Outstanding **air purification**

The wall unit features LG's PLASMA Air Purifying System that provides excellent indoor air quality. Freshen the air anytime, whether cooling a room or operating in fan only mode.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE

9,000 BTUs

LA091CNP (A/C Model)
Ⓒ 9,800 BTUs **Cooling**

LA091HNP (H/P Model)
Ⓒ 9,800 BTUs **Cooling**
Ⓗ 9,800 BTUs **Heating**

FEATURES:

- Customizable art panel
- R-410A Refrigerant
- Plasma Air Purifying System
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Swing
- Three-way cooling
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 0ºF (cooling mode)
- 24-Hour on/off timer
- Evaporator frost control
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) MEA# : 316-06-E

System Model #	LA091CNP	LA091HNP
Indoor Model #	LAN091CNP	LAN091HNP
Outdoor Model #	LAU091CNP	LAU091HNP
Performance		
Capacity (BTUs)	Ⓒ 9,800	Ⓒ 9,800 Ⓗ 9,800
SEER	13	13
Air Circulation (CFM H/M/L)	330/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hour)	3.0	3.0
Indoor dB(A)*	41/35/29	41/35/29
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	23 5/8 x	23 5/8 x
W x H x D (inches)	23 5/8 x	23 5/8 x
	5 3/4	5 3/4
Weight (lbs.)	33.1	33.1
Outdoor Dimensions	30 5/16 x	30 5/16 x
W x H x D (inches)	21 5/16 x	21 5/16 x
	9 5/8	9 5/8
Weight (lbs.)	70.5	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE

12,000 BTUs

LA121CNP (A/C Model)
Ⓒ 11,500 BTUs **Cooling**

LA121HNP (H/P Model)
Ⓒ 11,500 BTUs **Cooling**
Ⓗ 11,500 BTUs **Heating**

FEATURES:

- Customizable art panel
- R-410A Refrigerant
- Plasma Air Purifying System
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Swing
- Three-way cooling
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 0ºF (cooling mode)
- 24-Hour on/off timer
- Evaporator frost control
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) MEA# : 316-06-E

System Model #	LA121CNP	LA121HNP
Indoor Model #	LAN121CNP	LAN121HNP
Outdoor Model #	LAU121CNP	LAU121HNP
Performance		
Capacity (BTUs)	Ⓒ 11,500	Ⓒ 11,500 Ⓗ 11,500
SEER	13	13
Air Circulation (CFM H/M/L)	330/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hour)	3.0	3.0
Indoor dB(A)*	41/35/29	41/35/29
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	23 5/8 x	23 5/8 x
W x H x D (inches)	23 5/8 x	23 5/8 x
	5 3/4	5 3/4
Weight (lbs.)	33.1	33.1
Outdoor Dimensions	30 5/16 x	30 5/16 x
W x H x D (inches)	21 5/16 x	21 5/16 x
	9 5/8	9 5/8
Weight (lbs.)	70.5	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

9,000 BTUs

LA095HV (H/P Model)
C 9,200 BTUs Cooling
H 12,000 BTUs Heating

Standard Mirror
PSAPECR10

Organic Cream White
PSAPECW10

Art Flower Gold
PSAPECF10

Snow Flower White
PSAPECT10

FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- Chaos Swing
- Self-cleaning indoor coil
- Auto changeover
- Jet Cool
- Cooling/Heating/Fan Mode
- Auto sleep mode
- Ultra-quiet operation
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14ºF (cooling mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LA095HV
Indoor Model #	LAN095HV
Outdoor Model #	LAU095HV
Performance	
Capacity (BTUs)	C 9,200/8,900
	H 12,000/11,700
SEER	19.7/19.1
Air Circulation (CFM H/M/L)	230/180/140
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	2.6
Indoor dB(A)*	38/35/32
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	35 3/16 x
W x H x D (inches)	11 1/8 x
	6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	30 5/16 x
W x H x D (inches)	21 5/16 x
	9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

12,000 BTUs

LA125HV (H/P Model)
C 12,000 BTUs Cooling
H 15,500 BTUs Heating

Standard Mirror
PSAPECR10

Organic Cream White
PSAPECW10

Art Flower Gold
PSAPECF10

Snow Flower White
PSAPECT10

FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- Chaos Swing
- Self-cleaning indoor coil
- Auto changeover
- Jet Cool
- Cooling/Heating/Fan Mode
- Auto sleep mode
- Ultra-quiet operation
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14ºF (cooling mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LA125HV
Indoor Model #	LAN125HV
Outdoor Model #	LAU125HV
Performance	
Capacity (BTUs)	C 12,000/11,700
	H 15,500/15,200
SEER	18.7/18.2
Air Circulation (CFM H/M/L)	260/180/140
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	3.0
Indoor dB(A)*	41/35/32
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	35 3/16 x
W x H x D (inches)	11 1/8 x
	6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	30 5/16 x
W x H x D (inches)	21 5/16 x
	9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

18,000 BTUs

LA185HV (H/P Model)
C 18,000 BTUs Cooling
H 20,700 BTUs Heating

Standard Mirror
PSAP8CR10

Organic Cream White
PSAP8CW10

Art Flower Gold
PSAP8CF10

Snow Flower White
PSAP8CT10

FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- Chaos Swing
- Self-cleaning indoor coil
- Auto changeover
- Jet Cool
- Cooling/Heating/Fan Mode
- Auto sleep mode
- Ultra-quiet operation
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14ºF (cooling mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LA185HV
Indoor Model #	LAN185HV
Outdoor Model #	LAU185HV
Performance	
Capacity (BTUs)	C 18,000/17,500
	H 20,700/20,200
SEER	16.2/16.2
Air Circulation (CFM H/M/L)	460/380/320
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	5.3
Indoor dB(A)*	42/39/36
Outdoor dB(A)*	55
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	43 11/16 x
W x H x D (inches)	11 3/4 x
	7 7/8
Weight (lbs.)	31.1
Outdoor Dimensions	34 5/16 x
W x H x D (inches)	25 13/16 x
	12 5/8
Weight (lbs.)	101.4
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

24,000 BTUs

LA245HV (H/P Model)
C 24,000 BTUs Cooling
H 27,600 BTUs Heating

Standard Mirror
PSAP8CR10

Organic Cream White
PSAP8CW10

Art Flower Gold
PSAP8CF10

Snow Flower White
PSAP8CT10

FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- Chaos Swing
- Self-cleaning indoor coil
- Auto changeover
- Jet Cool
- Cooling/Heating/Fan Mode
- Auto sleep mode
- Ultra-quiet operation
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14ºF (cooling mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LA245HV
Indoor Model #	LAN245HV
Outdoor Model #	LAU245HV
Performance	
Capacity (BTUs)	C 24,000/23,600
	H 27,600/27,200
SEER	16.2/16.2
Air Circulation (CFM H/M/L)	530/445/378
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	56
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	43 11/16 x
W x H x D (inches)	11 3/4 x
	7 7/8
Weight (lbs.)	31.1
Outdoor Dimensions	34 5/16 x
W x H x D (inches)	25 13/16 x
	12 5/8
Weight (lbs.)	172.2
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.
See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications

Art Cool	Type		Model	BTUs	Voltage Indoor	Voltage Outdoor	Rated Amps	MCA*	MOP**
Single-Zone	A/C	C	LA091CNP	9,800	36V DC	115	7.2	15	20
	A/C	C	LA121CNP	11,500	36V DC	115	9.3	15	20
	H/P	C H	LA091HNP	9,800	36V DC	115	7.2	15	20
	H/P	C H	LA121HNP	11,500	36V DC	115	9.3	15	20
	H/P	C H	LA095HV	9,200	230/208	230/208	6.0/7.3	10	15
	H/P	C H	LA125HV	12,000	230/208	230/208	6.0/7.3	10	15
	H/P	C H	LA185HV	18,000	230/208	230/208	7.3/8.3	15	15
	H/P	C H	LA245HV	24,000	230/208	230/208	11.0/13.0	15	20

All equipment single phase.

NOTE: Please see local electrical codes for proper wire specifications.

***Minimum Circuit Ampacity**

****Maximum Overcurrent Protection**

Wire Size

Minimum wiring requirements suggested by manufacturer.

Minimum AWG	14-3
Indoor/Outdoor Connecting Cable Minimum AWG	18-4

Refrigerant Line Specifications***

Art Cool	Type		Model	BTUs	Pipe Size Liquid	Pipe Size Suction	Additional Refrigerant	Max. Pipe Length	Max. Elevation
Single-Zone	A/C	C	LA091CNP	9,800	1/4"	1/2"	0.22 oz./ft.	50'	25'
	A/C	C	LA121CNP	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LA091HNP	9,800	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LA121HNP	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LA095HV	9,200	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	C H	LA125HV	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	C H	LA185HV	18,000	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LA245HV	24,000	3/8"	5/8"	0.33 oz./ft.	100'	50'

***Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

NOTE: Systems having the outdoor unit mounted above the indoor unit (e.g., basement installations) have the following additional requirement:
For systems with maximum elevation of 25 ft. (see chart above and Figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation.
For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

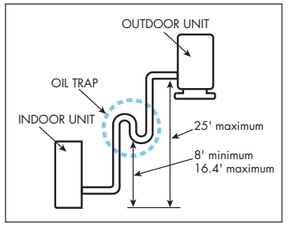


Figure A.
Example: 25 ft. maximum elevation.

MINI-SPLIT STANDARD AIR CONDITIONERS SINGLE-ZONE

Mini-Split Standard systems utilize the same duct-free technology as Art Cool units in a streamlined, low profile design. Models are available in a variety of sizes from 9,000 through 30,000 BTUs. LG's Mini-split standard air conditioners are easy to install, efficient and cost effective.

Available styles

Mini-Split Standard Indoor Unit
White
9,000-24,000 BTUs

Heat Pump Inverter
White
30,000 BTUs

Inverter

Indoor Unit

Outdoor Unit

LOW 36V DC INDOOR UNIT OPERATION

*9,000 - 24,000 BTUs units only

LG
Life's Good

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

9,000 BTUs

LS092CE (A/C Model)
C 9,000 BTUs Cooling

LS092HE (H/P Model)
C 9,800 BTUs Cooling
H 9,800 BTUs Heating

FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LS092CE	LS092HE
Indoor Model #	LSN092CE	LSN092HE
Outdoor Model #	LSU092CE	LSU092HE
Performance		
Capacity (BTUs)	C 9,000	C 9,800 H 9,800
SEER	13	13
Air Circulation (CFM H/M/L)	250/210/170	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	36/31/28	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	33 1/16 x	35 3/16 x
W x H x D (inches)	10 5/8 x	11 5/8 x
	6 1/32	6 1/2
Weight (lbs.)	15.4	20.5
Outdoor Dimensions	30 5/16 x	30 5/16 x
W x H x D (inches)	21 5/16 x	21 5/16 x
	9 5/8	9 5/8
Weight (lbs.)	66.1	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

12,000 BTUs

LS122CE (A/C Model)
C 11,500 BTUs Cooling

LS122HE (H/P Model)
C 11,500 BTUs Cooling
H 11,500 BTUs Heating

FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LS122CE	LS122HE
Indoor Model #	LSN122CE	LSN122HE
Outdoor Model #	LSU122CE	LSU122HE
Performance		
Capacity (BTUs)	C 11,500	C 11,500 H 11,500
SEER	13	13
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-1-60	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	35 3/16 x	35 3/16 x
W x H x D (inches)	11 5/8 x	11 5/8 x
	6 1/2	6 1/2
Weight (lbs.)	20.5	20.5
Outdoor Dimensions	30 5/16 x	30 5/16 x
W x H x D (inches)	21 5/16 x	21 5/16 x
	9 5/8	9 5/8
Weight (lbs.)	72.8	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

18,000 BTUs

LS182CE (A/C Model)
C 18,000 BTUs Cooling

LS182HE (H/P Model)
C 19,500 BTUs Cooling
H 19,500 BTUs Heating

FEATURES:

- Multi Power System™
- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Ultra-quiet operation
- Evaporator frost control
- 4 Fan speeds

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LS182CE	LS182HE
Indoor Model #	LSN182CE	LSN182HE
Outdoor Model #	LSU182CE	LSU182HE
Performance		
Capacity (BTUs)	C 18,000/17,800	C 19,500/19,000 H 19,500/19,000
SEER	13	13
Air Circulation (CFM H/M/L)	460/380/320	530/450/370
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	5.3	6.6
Indoor dB(A)*	41/38/36	46/41/38
Outdoor dB(A)*	55	57
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	42 15/16 x	42 15/16 x
W x H x D (inches)	11 13/16 x	11 13/16 x
	7 1/32	7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions	34 5/16 x	34 5/16 x
W x H x D (inches)	25 13/16 x	31 1/2 x
	12 5/8	12 5/8
Weight (lbs.)	149.9	169.6
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

24,000 BTUs

LS242CE (A/C Model)
C 22,500 BTUs Cooling

LS242HE (H/P Model)
C 22,500 BTUs Cooling
H 22,500 BTUs Heating

FEATURES:

- Multi Power System™
- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Ultra-quiet operation
- Evaporator frost control
- 4 Fan speeds

Interior Unit Includes:
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

MEA# : 20-08-E

System Model #	LS242CE	LS242HE
Indoor Model #	LSN242CE	LSN242HE
Outdoor Model #	LSU242CE	LSU242HE
Performance		
Capacity (BTUs)	C 22,500/22,100	C 22,500/22,100 H 22,500/22,100
SEER	13	13
Air Circulation (CFM H/M/L)	530/450/370	530/450/370
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	6.6	6.6
Indoor dB(A)*	46/41/38	46/41/38
Outdoor dB(A)*	57	57
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions	42 15/16 x	42 15/16 x
W x H x D (inches)	11 13/16 x	11 13/16 x
	7 1/32	7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions	34 5/16 x	34 5/16 x
W x H x D (inches)	31 1/2 x	31 1/2 x
	12 5/8	12 5/8
Weight (lbs.)	169.6	169.6
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE • INVERTER

30,000 BTUs

LS305HV (H/P Model)
C 27,000 BTUs Cooling
H 29,000 BTUs Heating

FEATURES:

- **Inverter(Variable speed compressor)**
- **R-410A Refrigerant**
- **Plasma air purifying system**
- **Gold Fin™ Anti-Corrosion**
- **Chaos Swing**
- **Self-cleaning indoor coil**
- **Auto changeover**
- **Jet Cool**
- **Cooling/Heating/Fan Mode**
- **Auto sleep mode**
- **Ultra-quiet operation**
- **Dehumidifying mode**
- **Auto restart**
- **24-Hour on/off timer**
- **Built-in low ambient standard, down to 14ºF (cooling mode)**
- **Manual power switch**
- **Defrost control**
- **Temperature display on indoor unit**
- **Evaporator frost control**
- **Energy Saving**
- **4 Fan speeds**

Interior Unit Includes:

- **Wall unit**
- **Installation plate & hardware**
- **Remote control, batteries, holder & holder hardware**
- **Installation manual**

Exterior Unit Includes:

- **Exterior unit**
- **Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)**

ETL# : 3091879

System Model #	**LS305HV**
Indoor Model #	LSN305HV
Outdoor Model #	LSU305HV
Performance	
Capacity (BTUs)	C 27,000/27,000 H 29,000/29,000
SEER	16
Air Circulation (CFM H/M/L)	710/640/530
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	7.2
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	58
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	47 3/5 x
W x H x D (inches)	13 3/5 x 8 1/4
Weight (lbs.)	37.5
Outdoor Dimensions	34 1/4 x
W x H x D (inches)	31 1/4 x 12 3/5
Weight (lbs.)	147.7
Thermostat Range	
Cooling / Heating (°F)	64-86 /60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

MINI-SPLIT STANDARD SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications

	Type		System Model	BTUs	Voltage Indoor	Voltage Outdoor	Rated Amps	MCA*	MOP**
Mini-Split	A/C	C	LS092CE	9,000	36V DC	115	7.0	15	15
Standard	A/C	C	LS122CE	11,500	36V DC	115	10.5	15	20
Single-Zone	A/C	C	LS182CE	18,000	36V DC	230/208	8.6/9.5	15	20
	A/C	C	LS242CE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS092HE	9,800	36V DC	115	10.5	15	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5	15	20
	H/P	C H	LS182HE	19,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS242HE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS305HV	27,000/ 29,000	230/208	230/208	13.6/14.0	20	30

All equipment single phase.
NOTE: Please see local electrical codes for proper wire specifications.

***Minimum Circuit Ampacity** ****Maximum Overcurrent Protection**
*****For LS182HE, LS242CE/HE**

Wire Size
Minimum wiring requirements suggested by manufacturer.

Minimum AWG	14-3 12-3***
Indoor/Outdoor Connecting Cable Minimum AWG	18-4

Refrigerant Line & Formula Specifications†

	Type	System	Model	BTUs	Pipe Size Liquid	Pipe Size Suction	Additional Refrigerant	Max. length each pipe	Max. elevation
Mini-Split	A/C	C	LS092CE	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
Standard	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
Single-Zone	A/C	C	LS182CE	18,000	1/4"	1/2 "	0.22 oz./ft.	100'	50'
	A/C	C	LS242CE	22,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS092HE	9,800	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
	H/P	C H	LS182HE	19,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS242HE	22,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS305HV	27,000/ 29,000	1/4"	5/8"	0.22 oz./ft.	100'	50'

†Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

NOTE: Systems having the outdoor unit mounted above the indoor unit (e.g. basement installations) have the following additional requirement: For systems with elevation of 25 ft. (see chart above and figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation. For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

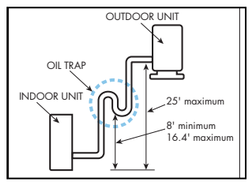


Figure A.
Example: 25 ft. maximum elevation.

DUCT-FREE AIR CONDITIONERS

LG INTERNET SALES POLICY

Duct-Free Air Conditioning Products

LG's expressed Duct-Free Air Conditioning warranty policy applies only to products sold and installed by qualified air conditioning contractors.

Because products sold via the Internet cannot be assured of quality installation by a qualified air conditioning contractor, LG's expressed warranty may not apply to internet sales.

LG supports and recommends that a qualified air conditioning contractor properly size and install all LG Duct-Free Air Conditioning products for optimal performance and long life.

FOR THE HVAC PROFESSIONAL

INSTALLATION • MATERIALS

Don't forget to **BUY...**

- Mounting screws and anchors (wall mount and ceiling cassette)
- Optional condensate pump (interior wall installation only)
- Condensate drain tubing
- Hose clamps
- Refrigerant line
- Correct electrical wire to connect indoor and outdoor units based on the LG model chosen (see electrical specifications) and local electrical code requirements
- Closed cell insulating tubing for liquid and suction lines
- Electrical tape
- Condenser mounting pad
- Disconnect and wiring for condenser unit
- Plastic duct and installation hardware to conceal connecting tubing on exterior walls
- Anchor bolts (optional for floor standing)

Don't forget to **BRING...**

- Level gauge
- 2 3/4" hole core drill
- Flaring tool set
- Gas leak detector
- Vacuum pump
- Gauge manifold
- Micron gauge
- R-410A Service Port Adapter

REMEMBER THESE

OTHER INSTALLATION ITEMS TO CONSIDER

Low Ambient Wiring Kit
#ICM 326H

Low Voltage Condensate Pump
24V Condensate Pumps available from Aspen Pumps by calling 732-248-8066*

Recommended source for 18/4 Stranded Shielded Wire required for LG's Duct-Free units (to order call 800-322-3660)

Wireless Energy Management Digital Wall Thermostat for Duct-Free Systems
Part #DFSWLWT0A
See page 51 for more details.
Applicable to 36V DC indoor models(Single Zone) only

*LG is not responsible for improper installation.

FLEX MULTI-SPLIT DUAL-, TRI- & QUAD-ZONE AIR CONDITIONING SYSTEMS

Flex Multi-Split Systems

The larger, Flex Multi-Split systems operate two, three or four interior units that are mounted in separate rooms. Each indoor unit comes with its own remote control, allowing the customer to set the temperature individually in different rooms. These units are connected to a single exterior unit.

The interior units are available in a variety of styles, including Art Cool, Standard, Ceiling Cassette, and Ceiling Concealed Duct models. Dual-,Tri- and Quad-Zone are available in Heat Pump systems.

Dual-Zone
Flex Multi-Split System
Mix and match for 18,000-24,000 BTUs
Heat Pump Inverter

Tri-Zone
Flex Multi-Split System
Mix and match for 27,000-33,000 BTUs
Heat Pump Inverter

Quad-Zone
Flex Multi-Split System
Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter

Available styles and finishes

Flex Multi-Split Art Cool Indoor Unit
Mirror Finish

Standard Mirror
PSAPECR10 (9, 12K)
PSAP8CR10 (18, 24K)

Organic Cream White
PSAPECW10 (9, 12K)
PSAP8CW10 (18, 24K)

Art Flower Gold
PSAPECF10 (9, 12K)
PSAP8CF10 (18, 24K)

Snow Flower White
PSAPECT10 (9, 12K)
PSAP8CT10 (18, 24K)

Flex Multi-Split Standard Indoor Unit

Flex Multi-Split Ceiling Cassette
& Ceiling Concealed Duct

LG
Life's Good

WHY LG?

Energy Saving
with LG inverter Technology

Wide Choice of Indoor Units
Standard, Art Cool, Concealed Duct, Cassette Types

Design Flexibility
Outdoor units connect to several indoor unit styles

Outdoor Units H/P Inverter

DUAL-ZONE
LMU185HV

TRI-ZONE
LMU245HV

QUAD-ZONE
LMU365HV

ENERGY STAR

ENERGY STAR

18,000-36,000 BTUs

- C H **LMU185HV** Dual-Zone
- C H **LMU245HV** Tri-Zone
- C H **LMU365HV** Quad-Zone

DUAL-ZONE
LMU185HV

TRI-ZONE
LMU245HV

QUAD-ZONE
LMU365HV

FEATURES:

- **Defrost /Deicing**
- **Restart delay (3-minutes)**
- **Self diagnosis**
- **Soft start**
- **Auto operation (Artificial intelligence)**
- **Auto restart operation**
- **Low ambient operation**
- **Gold Fin™ Anti-Corrosion**

Exterior Unit Includes:

- **Exterior unit**
- **Sufficient refrigerant for charging 2, 3 or 4 indoor coils (Please see chart below for actual length amount included)**
- **Installation manual ETL# : 3091879**

Outdoor Model H/P Inverter #			LMU185HV	LMU245HV	LMU365HV
Capacity *	—	BTU/h	18,000 Class	24,000 Class	36,000 Class
Power Input					
(Min.~Rated~Max.)	Cooling	kW	0.52~1.26~2.05	0.72~1.64~3.27	0.72~3.21~3.92
	Heating	kW	0.77~1.63~2.18	0.72~2.86~3.5	0.72~3.7~4.10
Running Current	Cooling	A	2.3~5.7~9.5	3.0~7.2~14.5	3.0~14.2~17.3
	Heating	A	3.4~7.2~9.6	4.5~12.4~15.5	4.5~16.3~18.5
Power Supply	—	Ø / V / Hz	1/208~230/60	1/208~230/60	1/208~230/60
Power Supply Cable (Outdoor)	—	No. x AWG	3 x 14	3 x 12	3 x 12
Transmission Cable (Outdoor to Indoor unit)	—	No. x AWG	4 x 18	4 x 18	4 x 18
Dimensions (W x H x D)		inch	34.3x25.8x12.6	34.3x31.8x12.6	34.3x31.8x12.6
Net Weight	—	lbs	115	143.3	143.3
Max. # of Connectable Indoor Units	—	—	2	3	4
Refrigerant	Charge (at 24.6 ft.)	oz	59.97	89.95	89.95
	Type	—	R410A	R410A	R410A
	Control	—	EEV	EEV	EEV
Sound Level (H/L)	Sound Pressure	dB(A)+3	51/45	52	52
Piping Connections	Liquid	inch	1/4 x 2EA	1/4 x 3EA	1/4 x 4EA
	Gas	inch	3/8 x 2EA	3/8 x 3EA	3/8 x 4EA
Piping length spec.	Max. total piping	ft.	164.0	246.1	246.1
	Max. OD~ID piping	ft.	82.0	82.0	82.0
	Piping length(no add'l refrigerant)	ft.	73.8	123.0	123.0
Max. Elevation Difference	Outdoor Unit~Indoor Unit	ft.	49.2	49.2	49.2
	Indoor Unit~Indoor Unit	ft.	24.6	24.6	24.6
Operation Range	Cooling	°F	14 ~114.8	14 ~114.8	14 ~114.8
(Outdoor)	Heating	°F	5~ 75.2	5~ 75.2	5~ 75.2

Note :
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
   - Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
   Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
   - Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
   Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
   - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.
5. The data mentioned in the above table are only for non-ducted type of indoor unit.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

STANDARD • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMN095HV (H/P Model)
LMN125HV (H/P Model)
LMN185HV (H/P Model)

Inverter

FEATURES:

- **Inverter(Variable speed compressor)**
- **Chaos Swing**
- **Jet Cool**
- **Plasma air purifying system**
- **Self-cleaning indoor coil**
- **Auto operation (Artificial Intelligence)**
- **Auto restart operation**
- **24-Hour on/off timer**

Interior Unit Includes:

- **Wall unit**
- **Installation plate & hardware**
- **Wireless LCD remote control, batteries, holder & holder hardware**
- **Owner's manual**

ETL# : 3091879

Indoor Model H/P Inverter #	LMN095HV	LMN125HV	LMN185HV
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.0/7.0/5.0	10.0/8.0/6.0	12.0/10.5/9.0
(CFM)	282/247/177	353/282/212	424/371/318
Dehumidification Rate (l/h)	1.2	1.5	2.3
Sound Level H/M/L (dB(A)+3)	31/26/22	35/28/24	37/34/31
Electrical			
Running Current (A)	0.15	0.15	0.15
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	4/5, 5/8	4/5, 5/8	4/5, 5/8
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	35 1/4×11 3/32×6 1/2	35 1/4×11 3/32×6 1/2	42 29/32×12×7 3/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	20.9	20.9	28.7
Net Weight Decorative Panel (lbs)	-	-	-

Note :
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 80ºF (26.7ºC) DB/67ºF (19.4ºC) WB
   - Outdoor Temperature 95ºF (35ºC) DB/75ºF (23.9ºC) WB
   Heating: - Indoor Temperature 70ºF (21.1ºC) DB/60ºF (15.6ºC) WB
   - Outdoor Temperature 47ºF (8.3ºC) DB/43ºF (6.1ºC) WB
   Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
   - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 2 years parts; 5 years compressor.
See page 29 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

ART COOL • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMAN095HV (H/P Model)
LMAN125HV (H/P Model)
LMAN185HV (H/P Model)

Inverter

FEATURES:

- **Changeable front color panel option**
- **Inverter(Variable speed compressor)**
- **Chaos Swing**
- **Jet Cool**
- **Plasma air purifying system**
- **Self-cleaning indoor coil**
- **Auto operation (Artificial Intelligence)**
- **Auto restart operation**
- **24-Hour on/off timer**

Interior Unit Includes:

- **Wall unit**
- **Installation plate & hardware**
- **Wireless LCD remote control, batteries, holder & holder hardware**
- **Owner's manual**

- **Standard mirror panel**

ETL# : 3091879

Indoor Model H/P Inverter #	LMAN095HV	LMAN125HV	LMAN185HV
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.0/7.0/5.0	10.0/8.0/6.0	12.6/11.5/10
(CFM)	282/247/177	353/282/212	445/406/353
Dehumidification Rate (l/h)	1.2	1.5	2
Sound Level H/M/L (dB(A)+3)	31/26/22	35/28/24	39/37/35
Electrical			
Running Current (A)	0.15	0.15	0.15
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	4/5, 5/8	4/5, 5/8	4/5, 5/8
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	36×11 3/32×6 1/2	36×11 3/32×6 1/2	43 9/16×12×7 7/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	20.9	20.9	31.09
Net Weight Decorative Panel (lbs)	-	-	-

Note :
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 80ºF (26.7ºC) DB/67ºF (19.4ºC) WB
   - Outdoor Temperature 95ºF (35ºC) DB/75ºF (23.9ºC) WB
   Heating: - Indoor Temperature 70ºF (21.1ºC) DB/60ºF (15.6ºC) WB
   - Outdoor Temperature 47ºF (8.3ºC) DB/43ºF (6.1ºC) WB
   Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
   - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 2 years parts; 5 years compressor.
See page 29 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

CEILING CONCEALED DUCT • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMDN095HV (H/P Model)
LMDN125HV (H/P Model)
LMDN185HV (H/P Model)

Inverter

FEATURES:

- Inverter(Variable speed compressor)
- Drain pump
- Control lock function
- Auto operation (Artificial Intelligence)
- Auto restart operation
- 2 thermistor control

Interior Unit Includes:

- Ceiling unit
- Wired remote control
- Owner's manual

ETL# : 3091879

Indoor Model H/P Inverter #	LMDN095HV	LMDN125HV	LMDN185HV
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.5/7.5/6.5	9.5/8.5/7.5	15/13.5/11.5
(CFM)	300/265/230	335/300/265	530/477/406
Dehumidification Rate (l/h)	1	1.2	2
Sound Level H/M/L (dB(A)+3)	32/26/25	33/31/26	34/31/29
Electrical			
Running Current (A)	0.25	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	1 1/4, 1	1 1/4, 1	1 1/4, 1
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	32 9/32x7 1/2x 22 21/32	32 9/32x7 1/2x 22 21/32	43 5/16x7 15/32x 22 21/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	45.2	45.2	58.4
Net Weight Decorative Panel (lbs)	-	-	-

Note :
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 80ºF (26.7ºC) DB/67ºF (19.4ºC) WB
   - Outdoor Temperature 95ºF (35ºC) DB/75ºF (23.9ºC) WB
   Heating: - Indoor Temperature 70ºF (21.1ºC) DB/60ºF (15.6ºC) WB
   - Outdoor Temperature 47ºF (8.3ºC) DB/43ºF (6.1ºC) WB
   Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
   - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 2 years parts; 5 years compressor.
See page 29 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

CEILING CASSETTE • FLEX MULTI-SPLIT

12,000-18,000 BTUs

LMCN125HV (H/P Model)
LMCN185HV (H/P Model)

* Cassette Grill sold separately
Model# : PT-UQC

Inverter

FEATURES:

- Inverter(Variable speed compressor)
- Drain pump
- Jet Cool
- Plasma air purifying system(Option)
- Control lock function
- Auto operation (Artificial Intelligence)
- Auto restart operation
- 24-Hour on/off timer
- 2 thermistor control

Interior Unit Includes:

- Ceiling unit
- Wireless LCD remote control, batteries, Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual
- Accessory
  - Model name : PT-UQC
  (Ceiling grill sold separately)

ETL# : 3091879

Indoor Model H/P Inverter #	LMCN125HV	LMCN185HV
Ceiling Grill Model# (Sold Separately)	**PT-UQC**	**PT-UQC**
Performance		
Capacity* (BTU/h)	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	9.5/8/7	13/12/11
(CFM)	335/282/247	459/424/388
Dehumidification Rate (l/h)	2	2
Sound Level H/M/L (dB(A)+3)	38/35/32	38/37/34
Electrical		
Running Current (A)	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60
Piping Connections		
Liquid (inches)	1/4	1/4
Gas (inches)	3/8	1/2
Drain OD,ID (inches)	1 1/4, 1	1 1/4, 1
Temperature Sensor	Thermistor	Thermistor
Refrigerant	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18
Dimensions (WxHxD)		
Body (inches)	22 7/16x8 7/16x22 7/16	22 7/16x10x22 7/16
Decorative Panel (inches)	27 6/19x1 3/16x27 6/19	27 6/19x1 3/16x27 6/19
Net Weight Body (lbs)	30.9	33.1
Net Weight Decorative Panel (lbs)	6.6	6.6

Note :
1. Capacities are based on the following conditions:
   Cooling: - Indoor Temperature 80ºF (26.7ºC) DB/67ºF (19.4ºC) WB
   - Outdoor Temperature 95ºF (35ºC) DB/75ºF (23.9ºC) WB
   Heating: - Indoor Temperature 70ºF (21.1ºC) DB/60ºF (15.6ºC) WB
   - Outdoor Temperature 47ºF (8.3ºC) DB/43ºF (6.1ºC) WB
   Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
   - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 2 years parts; 5 years compressor.
See page 29 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications

Zone	Type		Model	Voltage Indoor	Voltage Outdoor	Running Current	MCA*	MOP**
Flex Multi-Split Indoor Units	H/P	H	LMN095HV	208/230	—	0.15	—	—
	H/P	H	LMAN095HV	208/230	—	0.15	—	—
	H/P	H	LMDN095HV	208/230	—	0.25	—	—
	H/P	H	LMN125HV	208/230	—	0.15	—	—
	H/P	H	LMAN125HV	208/230	—	0.15	—	—
	H/P	H	LMDN125HV	208/230	—	0.25	—	—
	H/P	H	LMCN185HV	208/230	—	0.25	—	—
	H/P	H	LMN185HV	208/230	—	0.15	—	—
	H/P	H	LMAN185HV	208/230	—	0.15	—	—
	H/P	H	LMDN185HV	208/230	—	0.25	—	—
	H/P	H	LMCN185HV	208/230	—	0.25	—	—
Outdoor Units	H/P	H	LMU185HV	—	208/230	—	12.6	21.8
	H/P	H	LMU245HV	—	208/230	—	16.4	28.7
	H/P	H	LMU365HV	—	208/230	—	19.0	33.3

All equipment are single phase.
NOTE: Please see local electrical codes for proper wire specifications.
*Minimum Circuit Ampacity **Maximum Overcurrent Protection ***For LMU245HV, LMU365HV

Wire Size

Minimum wiring requirements suggested by manufacturer

Minimum AWG	14-3
	12-3***
Indoor/Outdoor Connecting Cable Minimum AWG	18-4

Refrigerant Line & Formula Specifications

	Type		Model	Pipe size Liquid	Pipe size Suction	Additional Refrigerant	Max. Length Each Pipe	Max. Elevation
Flex Multi-Split	H/P	H	LMN095HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMAN095HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMDN095HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMAN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMDN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMCN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P	H	LMN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P	H	LMAN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P	H	LMDN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P	H	LMCN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'

System	Combined With	Cooling Capacity BTU/h	EER	SEER	Heating Capacity BTU/h	COP	Low Heating Capacity BTU/h	Low COP	HSPF	
LMU185HV	Non-Ducted Indoor Unit	16,000	12.5	15.0	17,600	3.2	10,560	2.4	8.7	
	Ducted Indoor Unit	17,000	12.1	15.4	19,000	3.4	13,130	2.5	8.5	
	Mixed Ducted & Non-Ducted	18,000	11.7	15.3	19,000	3.3	12,810	2.5	8.6	
LMU245HV	Non-Ducted Indoor Unit	21,000	12.5	19.1	28,800	3.2	20,160	2.5	10.3	
	Ducted Indoor Unit	21,500	12.0	18.1	28,000	3.3	20,168	2.6	9.8	
	Mixed Ducted & Non-Ducted	22,000	11.5	18.6	28,800	3.3	20,664	2.5	10.1	
LMU365HV	Non-Ducted Indoor Unit	34,000	9.6	18.5	37,000	2.9	26,100	2.3	9.1	
	Ducted Indoor Unit	34,000	9.1	17.6	37,000	3.1	27,405	2.4	9.0	
	Mixed Ducted & Non-Ducted	34,000	9.4	18.1	37,000	3.0	26,750	2.3	9.1	

Accessory

Wired Wall Thermostat for Flex-Multi Split System
(Applied to Ceiling Concealed Duct, Ceiling Cassette)

PQRCUSA0

LMU185HV

Non Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	520	850	980	2.3	3.8	4.5	-	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	640	1,070	1,320	2.8	4.7	5.7	-	-
2 INDOOR UNITS	9	9	-	-	18	8,000	8,000	-	-	9,600	2.8	16,000	4.7	19,000	5.6	756	1,260	1,720	3.4	5.7	8.5	12.5	15.0
	9	12	-	-	21	6,857	9,143	-	-	9,600	2.8	16,000	4.7	19,000	5.6	780	1,300	1,850	3.6	6.0	9.0	12.5	15.0
	12	12	-	-	24	8,000	8,000	-	-	9,600	2.8	16,000	4.7	19,800	5.8	780	1,300	2,050	3.6	6.0	9.5	12.5	15.0

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	770	1,290	1,520	3.4	5.7	6.6	-	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	820	1,370	1,610	3.6	5.9	7.0	-	-
2 INDOOR UNITS	9	9	-	-	18	8,800	8,800	-	-	10,560	3.1	17,600	5.2	21,000	6.2	980	1,630	2,000	4.3	7.2	8.8	3.2	8.7
	9	12	-	-	21	8,143	10,857	-	-	11,400	3.4	19,000	5.6	21,300	6.3	1,020	1,700	2,060	4.4	7.4	8.9	3.1	8.5
	12	12	-	-	24	9,500	9,500	-	-	11,400	3.4	19,000	5.6	21,300	6.3	1,100	1,840	2,180	4.9	8.1	9.6	3.2	8.5

Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	550	890	1,030	2.3	4.0	4.7	-	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	670	1,120	1,390	2.8	4.9	6.0	-	-
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,000	5.6	790	1,320	1,810	3.6	6.0	7.9	11.7	15.4
	9	12	-	-	21	7,714	10,286	-	-	10,800	3.2	18,000	5.3	19,800	5.8	880	1,460	1,940	3.8	6.5	8.5	11.6	14.6
	12	12	-	-	24	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	980	1,530	2,150	4.3	7.1	9.0	11.4	14.6

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	730	1,230	1,440	3.2	5.4	6.3	-	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	780	1,300	1,530	3.4	5.6	6.7	-	-
2 INDOOR UNITS	9	9	-	-	18	9,500	9,500	-	-	11,400	3.4	19,000	5.6	21,000	6.2	930	1,550	1,900	4.1	6.8	8.4	3.4	8.5
	9	12	-	-	21	8,486	11,314	-	-	11,880	3.5	19,800	5.8	23,000	6.8	970	1,620	1,960	4.2	7.0	8.5	3.2	8.2
	12	12	-	-	24	9,900	9,900	-	-	11,880	3.5	19,800	5.8	23,000	6.8	1,050	1,750	2,070	4.7	7.7	9.1	3.3	8.2

Ducted Type Indoor Unit

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

LMU245HV

Non Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	900	1,125	3.0	4.4	5.5	-	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	720	1,090	1,360	3.0	4.9	6.1	-	-
	18	-	-	-	18	18,000	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	900	1,500	2,310	4.0	6.7	10.2	-	-
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	900	1,500	2,434	4.0	6.7	10.8	11.4	17.5
	9	12	-	-	21	8,357	11,143	-	-	11,700	3.4	19,500	5.7	21,450	6.3	942	1,570	2,632	4.2	7.0	11.7	11.4	17.5
	12	12	-	-	24	10,250	10,250	-	-	12,300	3.6	20,500	6.0	28,800	8.5	984	1,640	2,830	4.3	7.2	12.6	11.4	17.5
	9	18	-	-	27	6,833	13,667	-	-	12,300	3.6	20,500	6.0	31,000	9.1	984	1,640	3,270	4.3	7.2	14.5	11.6	17.9
	12	18	-	-	30	8,200	12,300	-	-	12,300	3.6	20,500	6.0	31,000	9.1	984	1,640	3,270	4.3	7.2	14.5	11.6	17.9
3 INDOOR UNITS	9	9	9	-	27	7,000	7,000	7,000	-	12,600	3.7	21,000	6.2	31,000	9.1	1,008	1,680	3,270	4.4	7.4	14.5	12.5	19.1
	9	9	12	-	30	6,300	6,300	8,400	-	12,600	3.7	21,000	6.2	31,000	9.1	1,008	1,680	3,270	4.4	7.4	14.5	12.5	18.7
	9	12	12	-	33	5,727	7,636	7,636	-	12,600	3.7	21,000	6.2	31,000	9.1	1,008	1,680	3,270	4.4	7.4	14.5	12.5	18.7

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	720	1,200	2,000	4.5	5.6	9.1	2.4	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,020	1,700	2,240	4.8	7.9	10.2	2.3	-
	18	-	-	-	18	19,800	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,476	2,460	3,090	6.7	11.2	14.0	2.4	-
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,554	2,590	3,090	6.9	11.4	14.1	2.3	8.5
	9	12	-	-	21	9,611	12,814	-	-	13,455	4.0	22,425	6.6	26,560	7.8	1,608	2,680	3,100	7.2	12.0	13.9	2.5	8.5
	12	12	-	-	24	14,400	14,400	-	-	17,280	5.1	28,000	8.5	32,000	9.4	1,716	2,860	3,300	7.5	12.4	14.6	3.0	8.5
	9	18	-	-	27	9,600	19,200	-	-	17,280	5.1	28,000	8.5	33,000	9.7	1,716	2,860	3,300	7.5	12.4	14.6	3.0	8.7
	12	18	-	-	30	11,520	17,280	-	-	17,280	5.1	28,000	8.5	33,000	9.7	1,932	3,220	3,500	8.4	14.0	15.5	2.6	8.7
3 INDOOR UNITS	9	9	9	-	27	9,600	9,600	9,600	-	17,280	5.1	28,000	8.5	33,000	9.7	1,596	2,660	3,300	7.1	11.8	14.6	3.2	10.3
	9	9	12	-	30	8,640	8,640	11,520	-	17,280	5.1	28,800	8.5	33,000	9.7	1,932	3,220	3,500	8.5	14.2	15.5	2.6	9.5
	9	12	12	-	33	7,855	10,473	10,473	-	17,280	5.1	28,800	8.5	33,000	9.7	1,932	3,220	3,500	8.5	14.2	15.5	2.6	9.5

Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	760	950	1,180	3.2	4.6	5.8	-	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	760	1,140	1,430	3.2	5.1	6.4	-	-
	18	-	-	-	18	18,000	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	950	1,580	2,430	4.2	7.0	10.7	-	-
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	950	1,580	2,560	4.2	7.0	11.3	10.8	16.6
	9	12	-	-	21	8,571	11,429	-	-	12,000	3.5	20,000	5.9	22,000	6.5	990	1,600	2,760	4.4	7.1	12.3	10.8	16.6
	12	12	-	-	24	10,250	10,250	-	-	12,300	3.6	20,500	6.0	28,800	8.5	1,030	1,670	2,970	4.5	7.4	13.2	10.8	16.6
	9	18	-	-	27	6,833	13,667	-	-	12,300	3.6	20,500	6.0	31,000	9.1	1,030	1,670	3,430	4.5	7.4	15.2	11.0	17.0
	12	18	-	-	30	8,200	12,300	-	-	12,300	3.6	20,500	6.0	31,000	9.1	1,030	1,670	3,430	4.5	7.4	15.2	11.0	17.0
3 INDOOR UNITS	9	9	9	-	27	7,333	7,333	7,333	-	13,200	3.9	22,000	6.5	31,000	9.1	1,060	1,740	3,430	4.7	7.5	15.2	11.5	18.1
	9	9	12	-	30	6,600	6,600	8,800	-	13,200	3.9	22,000	6.5	31,000	9.1	1,060	1,740	3,430	4.7	7.5	15.2	11.1	17.8
	9	12	12	-	33	6,000	8,000	8,000	-	13,200	3.9	22,000	6.5	31,000	9.1	1,060	1,740	3,430	4.7	7.5	15.2	11.1	17.8

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Ducted Type Indoor Unit *continued*
Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	720	1,140	1,900	4.3	5.3	8.7	-	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	850	1,620	2,130	4.5	7.5	9.7	-	-
	18	-	-	-	18	19,800	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	970	2,340	2,940	6.4	10.7	13.3	-	-
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,400	2,460	2,940	6.5	10.9	13.4	2.5	8.1
	9	12	-	-	21	9,857	13,143	-	-	13,800	4.1	23,000	6.8	26,560	7.8	1,480	2,550	2,950	6.9	11.4	13.2	2.6	8.1
	12	12	-	-	24	14,400	14,400	-	-	17,280	5.1	28,800	8.5	32,000	9.4	1,530	2,720	3,140	7.1	11.8	13.9	3.1	8.1
	9	18	-	-	27	9,600	19,200	-	-	17,280	5.1	28,800	8.5	33,000	9.7	1,630	2,720	3,140	7.1	11.8	13.9	3.1	8.3
	12	18	-	-	30	11,520	17,280	-	-	17,280	5.1	28,800	8.5	33,000	9.7	1,630	3,060	3,330	8.0	13.3	14.8	2.8	8.3
3 INDOOR UNITS	9	9	9	-	27	9,600	9,600	9,600	-	17,280	5.1	28,800	8.5	33,000	9.7	1,840	2,530	3,140	6.7	11.2	13.9	3.3	9.8
	9	9	12	-	30	8,640	8,640	11,520	-	17,280	5.1	28,800	8.5	33,000	9.7	1,520	3,060	3,330	8.1	13.5	14.8	2.8	9.0
	9	12	12	-	33	7,855	10,473	10,473	-	17,280	5.1	28,800	8.5	33,000	9.7	1,840	3,060	3,330	8.1	13.5	14.8	2.8	9.0

LMU365HV

Non Ducted Type Indoor Unit
Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	900	1,125	3.0	4.4	5.5	10.0	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	720	1,090	1,360	3.0	4.9	6.1	11.0	-
	18	-	-	-	18	18,000	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	900	1,500	2,310	4.0	6.7	10.2	12.0	-
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	934	1,556	2,434	4.1	6.9	10.8	11.6	15.1
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,025	1,708	2,632	4.4	7.4	11.7	12.3	15.3
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,116	1,860	2,830	4.7	7.8	12.5	12.9	15.7
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	5.6	9.3	14.4	12.3	16.4
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,578	2,630	3,710	6.5	10.8	16.3	11.0	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,124	3,540	3,920	8.5	14.2	17.3	9.3	16.4
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	5.6	9.3	14.4	12.3	16.8
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,578	2,630	3,710	6.5	10.8	16.3	11.4	16.8
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,812	3,020	3,815	7.5	12.5	16.8	10.5	16.8
	12	12	12	-	36	11,333	11,333	11,333	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	16.8
	9	9	18	-	36	8,500	8,500	17,000	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	17.0
	9	12	18	-	39	7,846	10,462	15,692	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	17.0
	12	12	18	-	42	9,714	9,714	14,571	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	17.0
	9	18	18	-	45	6,800	13,600	13,600	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	17.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	17.5
4 INDOOR UNITS	9	9	9	9	36	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	36,000	10.6	2,124	3,540	3,920	8.5	14.2	17.3	9.6	18.5

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Non Ducted Type Indoor Unit *continued*
Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	720	1,200	2,000	4.5	5.6	9.1	2.4	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,020	1,700	2,240	4.8	7.9	10.2	2.3	-
	18	-	-	-	18	19,800	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,476	2,460	3,090	6.7	11.2	14.0	2.4	-
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,554	2,590	3,090	6.9	11.4	14.1	2.3	8.5
	9	12	-	-	21	10,350	13,800	-	-	14,490	4.3	24,150	7.1	26,560	7.8	1,608	2,680	3,100	7.2	12.0	13.9	2.6	8.5
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,662	2,770	3,300	7.5	12.4	13.4	2.9	8.5
	9	18	-	-	27	10,350	20,700	-	-	18,630	5.5	31,050	9.1	34,150	10.0	1,770	2,950	3,500	7.9	13.2	15.7	3.1	8.7
	12	18	-	-	30	13,340	20,010	-	-	20,010	5.9	33,350	9.8	36,680	10.8	1,878	3,130	4,010	8.4	14.0	18.0	3.1	8.7
	18	18	-	-	36	18,975	18,975	-	-	22,770	6.7	37,950	11.2	40,000	11.8	2,166	3,610	4,010	8.4	14.0	18.0	3.1	8.7
3 INDOOR UNITS	9	9	9	-	27	10,350	10,350	10,350	-	18,630	5.5	31,050	9.1	35,700	10.5	1,800	3,000	3,500	8.0	13.4	15.1	3.0	8.9
	9	9	12	-	30	10,350	10,350	13,800	-	20,700	6.1	34,500	10.1	38,640	11.4	1,932	3,220	4,000	8.5	14.2	17.9	3.1	8.9
	9	12	12	-	33	9,911	13,215	13,215	-	21,804	6.4	36,340	10.7	39,820	11.7	2,076	3,460	4,050	9.2	15.3	18.2	3.1	8.9
	12	12	12	-	36	12,333	12,333	12,333	-	22,200	6.5	37,000	10.9	41,000	12.1	2,220	3,700	4,100	9.8	16.3	18.5	2.9	8.9
	9	9	18	-	36	9,250	9,250	18,500	-	22,200	6.5	37,000	10.9	41,000	12.1	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	12	18	-	39	8,538	11,385	17,077	-	22,200	6.5	37,000	10.9	41,300	12.1	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	12	12	18	-	42	10,571	10,571	15,857	-	22,200	6.5	37,000	10.9	41,600	12.2	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	18	18	-	45	7,400	14,800	14,800	-	22,200	6.5	37,000	10.9	42,000	12.3	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	12	18	18	-	48	9,250	13,875	13,875	-	22,200	6.5	37,000	10.9	42,300	12.4	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
4 INDOOR UNITS	9	9	9	9	36	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	41,000	12.1	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	9	9	12	39	8,538	8,538	8,538	11,385	22,200	6.5	37,000	10.9	42,300	12.4	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	9	12	12	42	7,929	7,929	10,571	10,571	22,200	6.5	37,000	10.9	41,600	12.2	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	12	12	12	45	7,400	9,867	9,867	9,867	22,200	6.5	37,000	10.9	42,000	12.3	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	9	9	9	18	45	7,400	7,400	7,400	14,800	22,200	6.5	37,000	10.9	42,000	12.3	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1
	12	12	12	12	48	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	42,000	12.3	2,220	3,700	4,100	9.8	16.3	18.5	2.9	9.1

Ducted Type Indoor Unit
Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
1 INDOOR UNIT	9	-	-	-	9	9,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	760	950	1,180	3.2	4.6	5.8	9.5	-
	12	-	-	-	12	12,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	760	1,140	1,430	3.2	5.1	6.4	10.5	-
	18	-	-	-	18	18,000	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	950	1,580	2,430	4.2	7.0	10.7	11.4	-
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	980	1,630	2,560	4.3	7.2	11.3	11.0	14.3
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,080	1,790	2,760	4.6	7.7	12.2	11.7	14.5
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,170	1,950	2,970	4.9	8.2	13.1	12.3	14.9
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	5.9	9.8	15.1	11.7	15.6
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,660	2,760	3,900	6.8	11.3	17.1	10.5	15.6
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,230	3,720	4,120	8.9	14.9	18.2	8.9	15.6
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	5.9	9.8	15.1	11.7	16.0
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,660	2,760	3,900	6.8	11.3	17.1	10.8	16.0
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,900	3,170	4,010	7.9	13.1	17.6	9.9	16.0
	12	12	12	-	36	11,333	11,333	11,333	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.0
	9	9	18	-	36	8,500	8,500	17,000	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.2
	9	12	18	-	39	7,846	10,462	15,692	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.2

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Ducted Type Indoor Unit *continued*

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
	12	12	18	-	42	9,714	9,714	14,571	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.2
	9	18	18	-	45	6,800	13,600	13,600	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.6
	12	18	18	-	48	8,500	12,750	12,750	-	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	16.6
4 INDOOR UNITS	9	9	9	9	36	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	36,000	10.6	2,230	3,720	4,010	8.9	14.9	17.6	9.1	17.6

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
INDOOR UNIT	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Rated	Max	Min	Rated	Max		
1 INDOOR UNIT	9	-	-	-	9	9,900	-	-	-	7,500	2.2	9,900	2.9	10,890	3.2	720	1,140	1,900	4.3	5.3	8.7	2.5	-
	12	-	-	-	12	13,200	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	970	1,620	2,130	4.5	7.5	9.7	2.4	-
	18	-	-	-	18	19,800	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,400	2,340	2,940	6.4	10.7	13.3	2.5	-
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,480	2,460	2,940	6.5	10.9	13.4	2.5	8.1
	9	12	-	-	21	10,350	13,800	-	-	14,490	4.3	24,150	7.1	26,560	7.8	1,530	2,550	2,950	6.9	11.4	13.2	2.8	8.1
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,580	2,630	3,140	7.1	11.8	12.7	3.1	8.1
	9	18	-	-	27	10,350	20,700	-	-	18,630	5.5	31,050	9.1	34,150	10.0	1,680	2,800	3,330	7.5	12.6	14.9	3.2	8.3
	12	18	-	-	30	13,340	20,010	-	-	20,010	5.9	33,350	9.8	36,680	10.8	1,780	2,970	3,810	8.0	13.3	17.1	3.3	8.3
	18	18	-	-	36	18,975	18,975	-	-	22,770	6.7	37,950	11.2	40,000	11.8	2,060	3,430	3,810	8.0	13.3	17.1	3.2	8.3
3 INDOOR UNITS	9	9	9	-	27	10,350	10,350	10,350	-	18,630	5.5	31,050	9.1	35,700	10.5	1,710	2,850	3,330	7.6	12.7	14.3	3.2	8.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,700	6.1	34,500	10.1	38,640	11.4	1,840	3,060	3,800	8.1	13.5	17.0	3.3	8.5
	9	12	12	-	33	9,911	13,215	13,215	-	21,804	6.4	36,340	10.7	39,820	11.7	1,970	3,290	3,850	8.7	14.5	17.3	3.2	8.5
	12	12	12	-	36	12,333	12,333	12,333	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.5
	9	9	18	-	36	9,250	9,250	18,500	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.6
	9	12	18	-	39	8,538	11,385	17,077	-	22,200	6.5	37,000	10.9	41,300	12.1	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.6
	12	12	18	-	42	10,571	10,571	15,857	-	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.6
	9	18	18	-	45	7,400	14,800	14,800	-	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.9
	12	18	18	-	48	9,250	13,875	13,875	-	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.3	15.5	17.6	3.1	8.9
4 INDOOR UNITS	9	9	9	9	36	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0
	9	9	9	12	39	8,538	8,538	8,538	11,385	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0
	9	9	12	12	42	7,929	7,929	10,571	10,571	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0
	9	12	12	12	45	7,400	9,867	9,867	9,867	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0
	9	9	9	18	45	7,400	7,400	7,400	14,800	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0
	12	12	12	12	48	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.3	15.5	17.6	3.1	9.0

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

Warranty: 2 years parts; 5 years compressor.
See page 17 for installation materials.

INNOVATIVE COMFORT SOLUTIONS

DUCT-FREE FLOOR STANDING & CEILING CASSETTE AIR CONDITIONING SYSTEMS

High-Capacity Split Systems

The Floor Standing and Ceiling Cassette models are ideal for light commercial applications and work well in large, open spaces. The ceiling cassette is a useful alternative when floor space is limited.

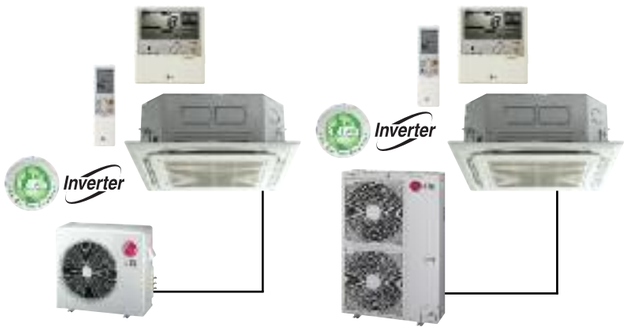
The outdoor unit for both models operate on high-voltage (230/208) power.

Duct-Free Split
Floor Standing Indoor Units

Duct-Free Split
Ceiling Cassette Indoor Units
White Finish

24,000 BTUs 42,000 BTUs

Single Zone Split Systems
Floor Standing



24,000 BTUs 42,000 BTUs

Single Zone Split Systems
Ceiling Cassette

DUCT-FREE • FLOOR STANDING SINGLE ZONE

24,000 BTUs

LF245HV (H/P Model)
C 24,000 BTUs Cooling
H 26,000 BTUs Heating

42,000 BTUs

LF425HV (H/P Model)
C 42,000 BTUs Cooling
H 44,000 BTUs Heating

FEATURES:

- Inverter(Variable speed compressor)
- R-410a Refrigerant
- Three-dimensional cooling (24k BTUs Only)
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Evaporator frost control
- 7-Hour on/off timer
- Auto restart
- Auto Changeover
- Plasma Air Purifying System (24k BTUs Only)
- Built-in remote control holder
- Temperature display on indoor unit
- Control lock function
- Ultra-quiet turbo fan (24k BTUs Only)
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Floor standing unit
- Remote control & batteries
- Installation manual

Exterior Unit Includes:

- Sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

ETL# : 3091879

System Model #	LF245HV	LF425HV
Indoor Model #	LFN245HV	LFN425HV
Outdoor Model #	LUU245HV	LUU425HV
Performance		
Capacity (BTUs) C H	24,000/26,000	42,000/44,000
SEER	13	13
HSPF	7.7	7.7
EER	9.6/10.2	9.0/9.5
Air Circulation (CFM H/M/L)	671/565/459	1,236/1,059/882
Fan Speeds (Cooling/Fan)	3/3	3/3
Dehumidification (pts/hr)		
Indoor dB(A)*	45/42/40	56/53/51
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208	230/208
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700
Indoor Dimensions	22 4/9 x	23 7/32 x
W x H x D (inches)	71 2/3 x	71 1/4 x
	12 3/5	17 5/16
Weight (lbs.)	94.8	127.9
Outdoor Dimensions	34 1/4 x	37 13/32 x
W x H x D (inches)	31 1/2 x	54 21/64 x
	12 19/32	12 31/32 x
Weight (lbs.)	132.3	227.1
Thermostat Range		
Cooling (°F)	64-86	64-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 45 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

DUCT-FREE • CEILING CASSETTE SINGLE ZONE

24,000 BTUs

LC245HV (H/P Model)
C 24,000 BTUs Cooling
H 26,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC

42,000 BTUs

LC425HV (H/P Model)
C 42,000 BTUs Cooling
H 44,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC

FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Internal condensate pump included
- Swirl Wind
- Four-way cooling
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Fan mode
- Independent vane control
- 5 fan speeds
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto changeover
- Temperature display on remote
- Ultra-quiet turbo fan
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Ceiling unit
- Wired control & wireless remote control with batteries
- Installation manual
- Accessory
  - Model name : PT-UMC (Ceiling grill sold separately)

Exterior Unit Includes:

- Sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

ETL# : 3091879

System Model #	LC245HV	LC425HV
Indoor Model #	LCN245HV	LCN425HV
Outdoor Model #	LUU245HV	LUU425HV
Ceiling Grill Model# (Sold Separately)	PT-UMC	PT-UMC
Performance		
Capacity (BTUs) C H	24,000/26,000	42,000/44,000
SEER	14	14
HSPF	7.7	7.7
EER	10.0/10.4	9.9/10.2
Air Circulation (CFM H/M/L)	636/565/494	1,200/1,130/1,060
Fan Speeds (Cooling/Fan)	5/4	5/4
Dehumidification (pts/hr)	2.1	3.6
Indoor dB(A)*	39/37/34	46/44/40
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208	230/208
Power Input (Cooling/Heating)	2,400/2,500	4,240/4,310
Max Power Input	3,800	5,700
Indoor Dimensions	33 5/64 x	33 5/64 x
W x H x D (inches)	33 5/64 x	33 5/64 x
	8 1/32	11 1/3
Weight (lbs.)	46.3	57.3
Outdoor Dimensions	34 1/4 x	37 13/32 x
W x H x D (inches)	31 1/2 x	54 21/64 x
	12 19/32	12 31/32 x
Weight (lbs.)	132.3	227.1
Thermostat Range		
Cooling (°F)	64-86	64-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
See page 45 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications†

	Type	System #	BTUs	Voltage Indoor	Voltage Outdoor	Rated Amps	MCA*	MOP**
Floor Standing	H/P (C)(H)	LF245HV	24,000	230/208	230/208	11.5/11.5	20	30
	H/P (C)(H)	LF425HV	42,000	230/208	230/208	20.0/20.0	30	40
Ceiling Cassette	H/P (C)(H)	LC245HV	24,000	230/208	230/208	11.5/12.4	20	30
	H/P (C)(H)	LC425HV	42,000	230/208	230/208	11.5/16.5	30	40

All equipment single phase.

***Minimum Circuit Ampacity**
****Maximum Overcurrent Protection**

NOTE: Please see local electrical codes for proper wire specifications.

Wire Size

Minimum wiring requirements suggested by manufacturer.

Minimum AWG	14-3
Indoor/Outdoor Connecting Cable Minimum AWG	14-3

Refrigerant Line Specifications†

	Type	System #	BTUs	Pipe size Liquid	Pipe size Suction	Additional Refrigerant	Max. length each pipe	Max. elevation
Floor Standing	H/P (C)(H)	LF245HV	24,000	3/8"	5/8"	0.32 oz./ft.	100'	66'
	H/P (C)(H)	LF425HV	42,000	3/8"	3/4"	0.42 oz./ft.	131'	82'
Ceiling Cassette	H/P (C)(H)	LC245HV	24,000	1/4"	1/2"	0.32 oz./ft.	100'	50'
	H/P (C)(H)	LC425HV	42,000	1/4"	5/8"	0.42 oz./ft.	115'	66'

†Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

NOTE: Systems having the outdoor unit mounted above the indoor unit (e.g. basement installations) have the following additional requirement:
For systems with maximum elevation of 25 ft. (see chart above and Figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation.
For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

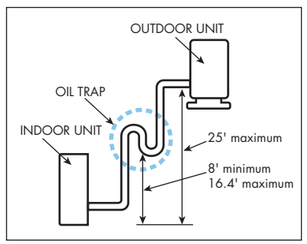


Figure A. Example: 25 ft. maximum elevation.

PACKAGED TERMINAL AIR CONDITIONERS

Ultra-quiet operation is the hallmark of LG's new line of PTAC products. Low decibel levels and an outstanding sound-prevention rating make this your best choice for a quiet environment. And with efficiency ratings up to 12.5 EER, these units are also your energy efficient choice.

Other features include standard connections for remote thermostat and front desk controls. Gold Fin™ technology protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. And the industry standard size makes installation easy and economical.

LG PTAC SYSTEMS ULTRA QUIET

7,000-15,000 BTUs

Digital Control Panel

Wireless Digital Thermostat

LG Life's Good

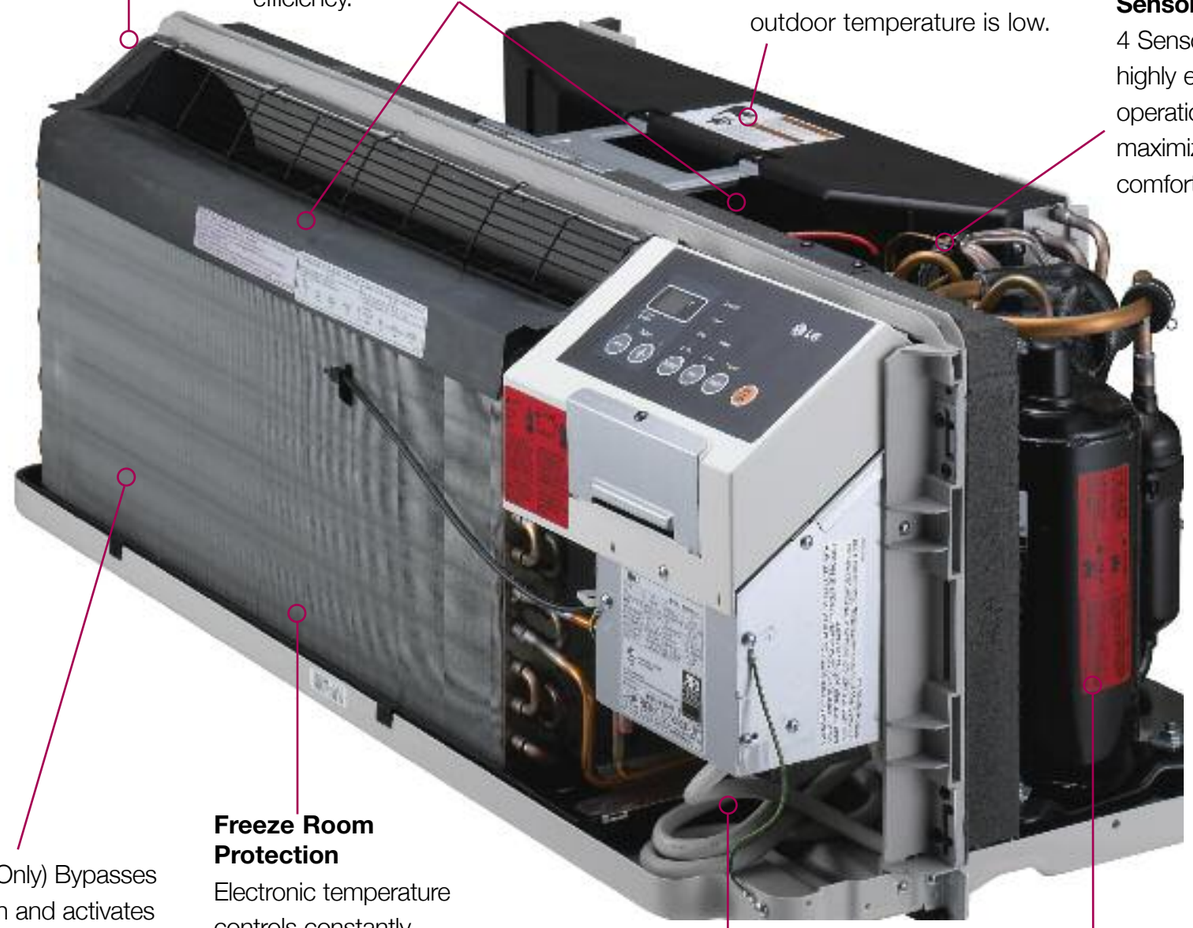
PTAC Features & Benefits

Digital Control Display Includes:

- **Temperature Display on Unit**
  Precise and easy to use.
  ADA compliant.
- **Cooling, Heating and Fan Modes**
  One unit for all seasons.
- **Energy Saver Mode**
  Helps to lower energy consumption operational costs and saves money.
- **Auto Restart**
  Automatically restarts to programmed setting when the electricity comes on after a power failure.

Ventilation Filter
Polymeric mesh filter allows clean, fresh air into the living space. Ideal for Health Care applications.

Separate Indoor & Outdoor Motors*
Dual motor configuration allows the lowest sound rating in the industry while also promoting the highest level of energy efficiency.



Emergency Heat
(Heat Pump Models Only) Bypasses compressor operation and activates the ceramic or coil heater during periods of extreme cold. Promotes high level of guest comfort.

Freeze Room Protection
Electronic temperature controls constantly monitor and maintain indoor temperature to prevent freezing.

*Digital Control Models Only

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor.

PACKAGED TERMINAL AIR CONDITIONERS

Defrost Control
(Heat Pump Models Only) Shuts down the indoor fan to prevent cold air from being blown into the room. Also removes frost from outdoor coil when the outdoor temperature is low.

Sensors*
4 Sensors provide highly efficient operation and maximize guest comfort.

Power Cord
Included with every unit.

High-Efficiency Rotary Compressor
Energy efficient and maintenance-free operation.

Wireless Energy Management Digital Thermostat with occupancy sensor:

- Digital touch-screen controls
- Built-in occupancy sensor
- Built-in energy management controls
- True wireless rf communication
- Installs in as little as 10 minutes
- Easy to program

Wireless Energy Management Digital Thermostat Control Board
(included in Wireless Wall Thermostat kit)
Snaps directly on to PTAC control board — no tools required.

Gold Fin™ Anti-Corrosion
Protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. LG's patented process is standard on **ALL** LG PTAC models.*

Ceramic Heater
Even, stable and safe heating platform.

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control

C LP070CED-Y8 (H/C Model)
7,600 BTUs Cooling & Heating
LP090CED-Y8 (H/C Model)
9,000 BTUs Cooling & Heating
LP120CED-Y8 (H/C Model)
11,800 BTUs Cooling & Heating
LP150CED-Y8 (H/C Model)
14,300 BTUs Cooling & Heating

C H LP070HED-Y8 (Heat Pump Model)
7,600 BTUs Cooling & Heating
LP090HED-Y8 (Heat Pump Model)
9,000 BTUs Cooling & Heating
LP120HED-Y8 (Heat Pump Model)
12,000 BTUs Cooling & Heating
LP124HED-Y8 (Heat Pump Model)
12,000 BTUs Cooling & Heating
LP150HED-Y8 (Heat Pump Model)
14,300 BTUs Cooling & Heating

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Energy saver mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection

System Includes:
- Wall unit
- Installation manual

MEA# : 24-08-E
UL# : SA13362

System Model #	LP070CED-Y8	LP090CED-Y8	LP120CED-Y8	LP150CED-Y8	LP070HED-Y8	LP090HED-Y8	LP120HED-Y8	LP124HED	LP150HED-Y8
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance									
Capacity (BTUs) C H	7,600/7,400	9,000/8,800	11,800/11,500	14,300/14,100	7,600/7,400 6,400/6,200	9,000/8,800 8,100/7,900	12,000/11,800 10,900/10,700	12,000/11,800 10,900/10,700	14,300/14,100 13,500/13,300
Refrigerant	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-410A	R-22
EER	12.5	11.7	11.2	10.0	12.1	11.6	10.8	10.8	9.8
Air Circulation (CFM H/L)	335/300	335/300	390/355	390/355	335/300	335/300	390/355	390/355	390/355
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	2.0	2.6	3.3	3.3	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	45/43	45/43	49/47	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	60/58	60/58	63/61	63/61	63/61
STC	30	30	30	30	30	30	30	30	30
Electrical									
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	2.5	3.5	3.5	3.5	2.5	3.5	3.5	3.5	3.5
Circuit Breaker (A)	15	20	20	20	15	20	20	20	20
Dimensions	42 x	42 x	42 x	42 x	42 x	42 x	42 x	42 x	42 x
W x H x D (inches)	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8
Weight (lbs.)	86.4	86.6	92.6	100.5	90.8	91.1	97.1	97.1	104.9
Thermostat Range									
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating

**Adjustable by temperature limiting with DIP switches on the unit

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 51-53 for parts and accessories.

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control

C LP070CED1 (H/C Model)
7,600 BTUs Cooling & Heating
LP090CED1 (H/C Model)
8,900 BTUs Cooling & Heating
LP120CED1 (H/C Model)
11,800 BTUs Cooling & Heating
LP150CED1 (H/C Model)
14,000 BTUs Cooling & Heating
LP155CED1 (H/C Model)
14,000 BTUs Cooling & Heating

C H LP070HED1 (Heat Pump Model)
7,300 BTUs Cooling & Heating
LP090HED1 (Heat Pump Model)
9,300 BTUs Cooling & Heating
LP120HED1 (Heat Pump Model)
12,000 BTUs Cooling & Heating
LP150HED1 (Heat Pump Model)
14,400 BTUs Cooling & Heating
LP155HED1 (Heat Pump Model)
14,400 BTUs Cooling & Heating

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Energy saver mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection

System Includes:
- Wall unit
- Installation manual

MEA# : 24-08-E
UL# : SA13362

System Model #	LP070CED1	LP090CED1	LP120CED1	LP150CED1	LP155CED1	LP070HED1	LP090HED1	LP120HED1	LP150HED1	LP155HED1
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance										
Capacity (BTUs) C H	7,600	8,900	11,800	14,000	14,000	7,300 6,200	9,300 8,000	12,000 10,800	14,400 13,200	14,400 13,200
EER	11.7	11.0	10.7	9.5	9.5	11.6	11.2	10.4	9.2	9.2
Air Circulation (CFM H/L)	300/270	300/270	420/390	420/390	420/390	300/270	300/270	420/390	420/390	420/390
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	4.4	2.0	2.6	3.3	4.4	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	49/47	45/43	45/43	49/47	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	63/61	60/58	60/58	63/61	63/61	63/61
STC	30	30	30	30	30	30	30	30	30	30
Electrical										
Rated Voltage	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1
Electric Heater (kW)	2.0	3.7	3.7	3.7	5.0	2.0	3.7	3.7	3.7	5.0
Circuit Breaker (A)	15	20	20	20	30	15	20	20	20	30
Dimensions	42 x	42 x	42 x	42 x	42 x	42 x	42 x	42 x	42 x	42 x
W x H x D (inches)	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8	16 x 19 7/8
Weight (lbs.)	87.7	86.6	93.7	102.1	102.1	90.8	92.2	99.2	106.5	106.5
Thermostat Range										
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating

**Adjustable by temperature limiting with DIP switches on the unit

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 51-53 for parts and accessories.

WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT

Touch screen-operated design with intuitive graphic user interface

Occupancy Sensor automatically turns off the air conditioner when the room is unoccupied

Wireless Energy Management Digital Thermostat Control Board: Snaps directly on to PTAC control board – no tools required.

Dimensions:
Case: 5 3/4"W x 4 3/4"H x 1 1/4"D
LCD Screen: 3 5/8"W x 2 1/8"H

Part Numbers:
LG PTAC Wireless Wall Thermostat Kit:
Part # PYRCUCC0A

LG Mini-Split Wireless Wall Thermostat Kit:
Part # DFSWLWT0A
Applicable to 36V DC indoor models (Single Zone) only

This innovative thermostat provides a great way to control spiralling energy costs while ensuring perfect comfort. It combines the energy-saving convenience of complete programmability and temperature control for both occupied and unoccupied rooms. Its unique "occupancy sensor" automatically turns off the air conditioner when a room is unoccupied, further reducing wasted energy. And with its intuitive touch screen interface, it's easy to not only adjust temperature, but air flow as well.

THERMOSTAT FEATURES

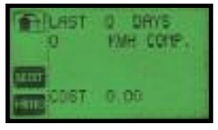
- **Energy-saving "Occupancy Sensor"** automatically turns off the air conditioner when the room is unoccupied.
- **Programmable Occupied and Unoccupied Temperature Setting** allows for high and low occupied/unoccupied setting for further energy savings.
- **High-visibility, backlit touchscreen** with a scratch-resistant, easy-to-clean surface.
- **Intuitive graphical user interface** with descriptive buttons.
- **"No manual needed"** simplified operation and programming.
- **Convenient "Clean Screen"** command prevents accidental change in settings while cleaning display.
- **Adjustable contrast** with white-on-black or black-on-white display.

INSTALLATION FEATURES

- **System Configuration Menu** allows selection of either "Heat Pump" or "Air Conditioner" compressor type for optimum system integration and performance.
- **Advanced Settings Menu** allows pre-programming the fan speeds for maximum comfort and energy efficiency.
- **Temperature Display** lets you select Fahrenheit or Celsius readings.

COMPONENTS INCLUDED:

- LG Wireless Wall Thermostat with integrated LCD touch screen
- LG Air Conditioner Wireless Interface Card
- User manual and installation instructions



Monitor power use and calculate cost of operation

Pre-program up to 4 temperature and fan operation mode changes daily

LG DUCT-FREE SPLIT SYSTEMS Applicable to 36V DC indoor models(Single Zone) only

ADDITIONAL COMFORT AND CONTROL FEATURES

- **Versatile 7-day, 4-events-per-day program** with a selectable temperature set point and fan mode for each event.
- **Convenient "Copy" option** duplicates daily settings to simplify the set-up of a custom, 7-day program.
- **"Filter Monitor"** ensures that airflow is maximized by notifying the user to clean the air filter at regular intervals.
- **"Energy Watch"** monitors power consumption (kWh) and calculates the actual dollar cost of operating the LG Mini-Split Air Conditioner over a selected time period.

Applicable to 36V DC indoor models only.

PARTS & ACCESSORIES

Description	Model #
42" Wall Sleeve	AYSVB01A
42" Stamped Aluminum Rear Grille	AYRGALA01
Architecture Grille - Aluminum	AYAGALA01A
Architecture Grille - Dark Bronze	AYAGALB01A
Architecture Grille - Soft Dove	AYAGALC01A
Wireless Wall Thermostat	PYRCUCC0A
Adapter Kit of Wireless Wall Thermostat for GE PTAC	PYADTGE1A
Adapter Kit of Wireless Wall Thermostat for Amana PTAC	PYADTAM1A

Description	Model #
Wired Wall Thermostat	PYRCUCA0A
Wall Thermostat Connection Kit	AYWH101
EMS/Front Desk Control Connection Kit	AYFD101
Sub Base 20A 230/208V	AYSB1101A
Sub Base 30A 230/208V	AYSB2101A
Sub Base 20A 265V	AYSB3101A
Sub Base 30A 265V	AYSB4101A
Fuse Holder Kit (230V, 30A)	AYFH1401
Hard Wire Kit	AYHW101

Description	Model #
Condensate Disposal Kit 230/208V	AYCD2101
Condensate Drain Kit	AYDR101
Lateral Duct Kit	AYLD1A
Leveling Legs	AYLL101
Control Panel Key Lock	AYCP101
Remote Escutcheon Kit - 10 Pack	AYRE110
Replacement Filter - 10 Pack	AYFT110
Hydronic/Steam Heat Coil Kit 230/208V/265V	PYHSK1A
Hydronic Valve 230/208V NC 1/2"	PYHV1A
Hydronic Valve 265V NC 1/2"	PYHV2A
Steam Valve 230/208V NC 1/2"	PYSV1A
Steam Valve 265V NC 1/2"	PYSV2A

42" Wall Sleeve
AYSVB01A

42" Stamped Aluminum Grille
AYRGALA01

Architecture Grille - Aluminum
AYAGALA01A

Architecture Grille - Dark Bronze
AYAGALB01A

Architecture Grille - Soft Dove
AYAGALC01A

Wireless Energy Management Digital Thermostat with Occupancy Sensor
PYRCUCC0A
For technical support, call 866-908-6824, press #2

Digital Wired Wall Thermostat
PYRCUCA0A

EMS/Front Desk Control Connection Kit
AYFD101

Fuse Holder Kit
AYFH1401

Hardwire Kit
AYHW101

Condensate Disposal Kit
AYCD2101

Condensate Drain Kit
AYDR101

PARTS & ACCESSORIES

Hydronic/Steam Heat Coil Kit
PYHSK1A – 230/208V/265V

Hydronic Valve
PYHV1A – 230/ 208V
PYHV2A – 265V

Steam Valve
PYSV1A – 230/208V
PYSV2A – 265V

CFM	Heating BTUs	
	Hydronic	Steam
270	14,500	18,500
300	15,500	19,500
335	16,500	21,000
355	17,000	21,500
390	17,500	22,000
420	18,500	23,500

Based on ARI test condition of 70ºF DB / 60ºF WB,
200ºF EWT, 20ºF DT, 70ºF EAT, 2 psig steam, 70ºF EWT

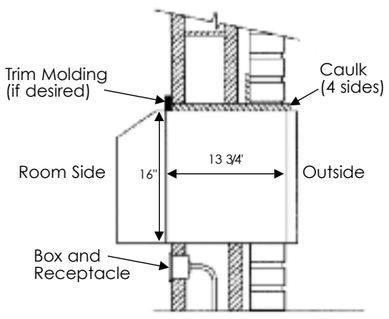
Lateral Duct Kit
AYLD1A

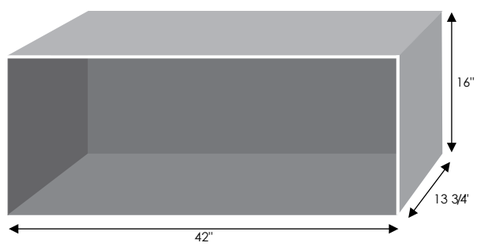
Control Panel Key Lock
AYCP101

Leveling Legs
AYLL101

Replacement Filter 10-Pack
AYFT110

Installation • Quick Reference





THROUGH-THE-WALL AIR CONDITIONERS

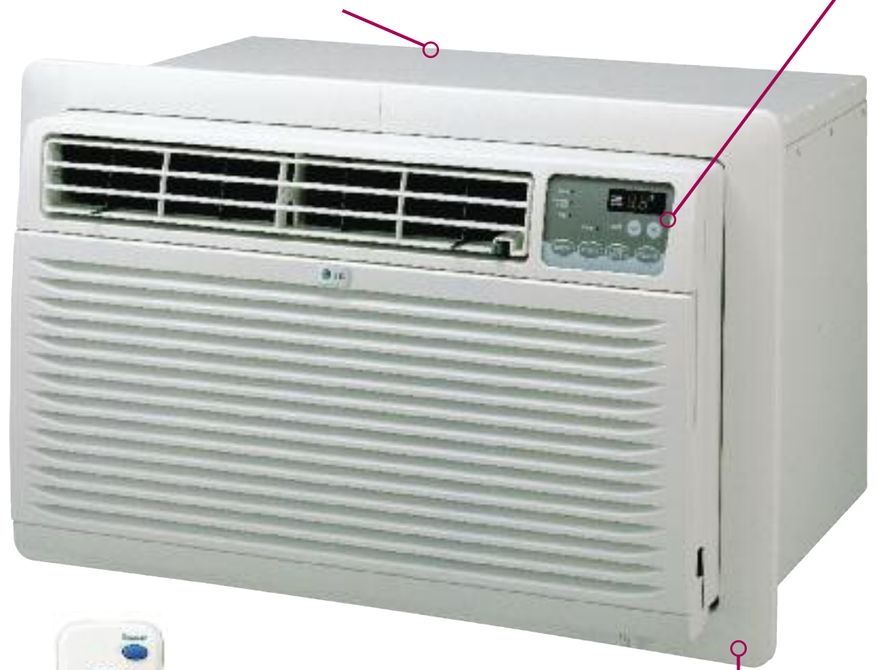
LG's Through-The-Wall models offer versatile, energy efficient solutions for residential and light commercial applications.

Some of LG's Through-The-Wall models are ENERGY STAR® qualified, an important feature for energy conscious customers. All feature Gold Fin™ Technology which protects the unit from the corrosive effects of the salt air and extend the operating life.

BTU sizes range from 8,000–14,000, and both cooling only and heat/cool models are offered. Also, the standard size chassis fits into any competitive wall sleeve, allowing for an easy upgrade for an existing system.

TTW Features & Benefits

Gold Fin™ Anti-Corrosion
Protects the unit from the corrosive effects of outside air and extends the operating life of TTW models.



Push Button Shift Mode
Allows you to switch between cool and heat with ease.

12 Hour On/Off Timer Allows you to set the number of hours you'd like the unit to run, up to 12 Hours.

Auto Sleep Mode
Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.

Auto Restart
Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.

Remote Control
Easy to use Wireless Remote Control.

Trim Kit
Unit has a nice, finished look when placed into an existing wall sleeve.

ENERGY STAR

Warranty : 5 years parts, labor, and compressor.
See page 57 for electrical specifications and accessories.

THROUGH-THE-WALL AIR CONDITIONERS

8,000-14,000 BTUs

Ⓒ **LT0810CR** (A/C Model)
8,000 BTUs Cooling
LT1010CR (A/C Model)
9,800 BTUs Cooling
LT1030CR (A/C Model)
10,000 BTUs Cooling

LT1210CR (A/C Model)
11,500 BTUs Cooling
LT1230CR (A/C Model)
11,500 BTUs Cooling
LT1430CR (A/C Model)
13,000 BTUs Cooling

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Fan mode
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer

System Includes:
- Wall unit
- Remote control and batteries
- Installation manual
- Trim Kit

UL# : SA7244

System Model #		LT0810CR	LT1010CR	LT1030CR	LT1210CR	LT1230CR	LT1430CR
Performance							
Capacity (BTUs)	Ⓒ	8,000	9,800	10,000/9,800	11,500	11,500/11,200	13,000/12,600
EER		9.6	8.8	9.4/9.4	8.8	8.8/8.8	8.5/8.5
Energy Star		✓		✓			
Air Circulation (CFM H/L)		260/220	285/225	285/225	290/230	290/230	310/250
Fan Speeds (Cooling/Fan)		3/3	3/3	3/3	3/3	3/3	3/3
Dehumidification (pts/hr)		2.2	3.2	3.2	3.8	3.8	4.0
Indoor dB(A)*		49/46	51/48	51/48	52/49	52/49	53/50
Outdoor dB(A)*		59	60	60	61	61	62
Electrical							
Rated Voltage		115-60-1	115-60-1	230/208-60-1	115-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)		15	15	15	15	15	15
Dimensions		24 x	24 x	24 x	24 x	24 x	24 x
W x H x D (inches)		14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32
Weight (lbs.)		73.0	78.0	78.0	80.0	80.0	87.0
Thermostat Range							
Cooling (°F)		60-86	60-86	60-86	60-86	60-86	60-86

*LG verified sound rating

Warranty : 5 years parts, labor, and compressor.
See page 57 for electrical specifications and accessories.

THROUGH-THE-WALL AIR CONDITIONERS

10,000-12,000 BTUs

Ⓒ Ⓗ **LT1030HR** (H/C Model)
10,000 BTUs Cooling & Heating
LT1230HR (H/C Model)
11,500 BTUs Cooling & Heating

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer

System Includes:
- Wall unit
- Remote control and batteries
- Installation manual
- Trim Kit

UL# : SA7244

System Model #		LT1030HR	LT1230HR
Performance			
Capacity (BTUs)	Ⓒ	10,000/9,800	11,500/11,200
	Ⓗ	11,200/9,200	11,200/9,200
EER		9.4/9.4	8.8/8.8
Air Circulation (CFM H/L)		285/225	290/230
Fan Speeds (Cooling/Heating/Fan)		2/2/2	2/2/2
Dehumidification (pts/hr)		3.2	3.8
Indoor dB(A)*		51/48	52/49
Outdoor dB(A)*		60	61
Electrical			
Rated Voltage		230/208-60-1	230/208-60-1
Circuit Breaker (A)		20	20
Dimensions		24 21/32 x	24 21/32 x
W x H x D (inches)		14 13/32 x 19 21/32	14 13/32 x 19 21/32
Weight (lbs.)		78.0	80.0
Thermostat Range			
Cooling/Heating (°F)		60-86/54-86	60-86/54-86

*LG verified sound rating

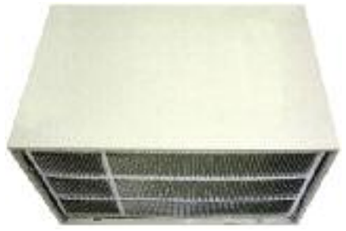
Warranty : 5 years parts, labor, and compressor.
See page 57 for electrical specifications and accessories.

OPTIONAL ACCESSORIES

Description	Model #
26" Wall Sleeve	AXSVA1
Stamped Aluminum Grille	AXRGALA01
Wall Sleeve with Stamped Aluminum Grille	AXSVA4
Architectural Grille	AXAGALA01A

Wall Sleeve
AXSVA1

Stamped Aluminum Grille
AXRGALA01



Wall Sleeve with Stamped
Aluminum Grill
AXSVA4

Architectural Grille
AXAGALA01A
Available in aluminum,
dark bronze and soft dove.
Please contact WMF at
636.583.1600
for more information

Sleeve Dimensions of Major Brands (inches)	Friedrich USC Sleeve	GE	Amana	Whirlpool Fedders	Frigidaire	LG
Height	15 17/32	15 5/8	15 5/8	15 3/4	15 7/16	15 17/32
Width	25 7/8	26	26	26 3/4	25 7/8	25 7/8
Depth	16 23/32	16 7/8	16 7/8	15	18	16 23/32

Inside dimension of LG Sleeve (W x H x D, inches): 25 5/16 x 14 7/8 x 15 5/16

7,000-24,000 BTUs

(C) (H) **LWHD7000HR** (H/C Model)
7,000 BTUs Cooling & Heating
LWHD1200HR (H/C Model)
12,000 BTUs Cooling & Heating
LWHD1800HR (H/C Model)
18,000 BTUs Cooling & Heating
LWHD2400HR (H/C Model)
24,000 BTUs Cooling & Heating

FEATURES:

- **Cooling mode**
- **Heating mode**
- **Fan mode**
- **Auto sleep mode**
- **Auto restart**
- **12-Hour on/off timer**

System Includes:
- **Window unit**
- **Remote control and batteries**
- **Installation manual**

UL SA7244

System Model #		LWHD7000HR	LWHD1200HR	LWHD1807HR	LWHD2400HR
Performance					
Capacity (BTUs)	(C)	7,000	12,000/11,500	18,000/17,500	25,000/23,000
	(H)	3,850	11,200/9,200	12,000/9,800	11,600/9,400
EER		9.7	9.8/9.8	9.7/9.7	8.5/8.5
Air Circulation (CFM)		205	265	430	560
Fan Speeds (Cooling/Heating/Fan)		2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)		2.3	3.3	5.5	6.5
Indoor dB(A)*		49	51	55	64
Outdoor dB(A)*		54	57	63	69
Electrical					
Rated Voltage		115-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)		20	20	20	20
Dimensions		18 9/16 x	23 5/8 x	26 x	26 x
W x H x D (inches)		13 7/8 x	14 31/32 x	16 27/32 x	16 27/32 x
		20 11/16	22 1/16	30 5/16 x	30 5/16 x
Weight (lbs.)		60.0	87.0	136.0	146.0
Thermostat Range					
Cooling/Heating (°F)		60-86	60-86	60-86	60-86

*LG verified sound rating

Warranty : 5 years parts, labor, and compressor.